

CLAIMS

I claim:

1. A system and method for an arc shutter comprising:
a plurality of eyelet connectors directing a tension cable to a synchronization bar
5 that is further attached to a wheel crank capable of opening and closing louvers of
an arc shutter.

2. The system and method of Claim 1, wherein said wheel crank is housed in
a base member.

3. The system and method of Claim 1, wherein said wheel crank is actuated
10 by a handle.

4. A system and method for an arc shutter comprising:
A tension cable and a plurality of louvers wherein said tension cable is threaded
through a plurality of eyelet connectors along the perimeter of a base member and
an arched member to attach to a connector bar, said connector bar having a
15 plurality of rotatable connectors attached to each of said plurality of louvers and
said plurality of louvers are capable of synchronous opening when said tension
cable is wound around a wheel crank in the counter- clockwise direction and
conversely, capable of closing when said tension cable is wound around said
wheel crank in the clockwise direction.

20 5. A system and method for an arc shutter, comprising:
an arched member, a base member, and a plurality of louvers attached to a base
connector member and the arched member,

said louvers being attached to the arched member with a pin and to said base connector member with a pin,

said louvers are connected to each other through a synchronizing bar, said synchronizing bar is actuated with a tension cable that attaches to said synchronizing bar at two locations and said tension cable is threaded through a plurality of connector eyelets which is further attached to a wheel crank,

said wheel crank when turned rotates said louvers in unison to open and close the arc shutter.

6. A system and method for an arc shutter, comprising:

an arched member having a top and bottom sides, a base member having a base connector member fixed generally in a central location, said base connector member capable of receiving a plurality of louvers, said louvers further capable of freely rotatable attachment to said bottom side of said arched member; and

a synchronizing bar which is fixed to each louver by a rotatable connector which allows the louvers to rotate in synchrony; and

a wheel crank that is attached to said synchronizing bar at two locations, via a tension cable and;

whereby clockwise rotation of said wheel crank will cause the louvers to close and conversely, counter-clockwise rotation of said wheel crank will cause the louvers to open.